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HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 Bug 24 Security Hotspot 3 Code Smell 38

Tags

Search by name...

Table cells should reference their headers
Bug
Tables used for layout should not include semantic markup
Bug
Tables should have headers
Bug
"<html>" element should have a language attribute
Bug
<script>...</script> elements should not be nested
Bug
"<th>" tags should have "id" or "scope" attributes
Bug
"<title>" should be present in all pages
Bug
"<!DOCTYPE>" declarations should appear before "<html>" tags
Bug
Elements deprecated in HTML5 should not be used
Bug
HTML "<table>" should not be used for layout purposes
Code Smell
"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements
Code Smell
Videos should have subtitles
Code Smell

The "style" attribute should not be used

Analyze your code

Code Smell Major

The goal of this rule is to ban the usage of HTML "style" property to make sure that all CSS styles are defined in CSS classes. Consolidating all styling into classes makes it easier to read, understand and maintain.

Noncompliant Code Example

```
<body>
  <h1 style="color: blue;">Hello World!</h1>  <!-- Nonco
```

Compliant Solution

```
<head>
  <style>
    h1 {
      color: blue;
    }
  </style>
</head>
<body>
  <h1>Hello World!</h1>
```

Available In:

sonarlint | sonarcloud | sonarqube

<div>Attributes deprecated in HTML5 should not be used</div> <div> Code Smell</div>
<div>Sections of code should not be commented out</div> <div> Code Smell</div>
<div>Track uses of "FIXME" tags</div> <div> Code Smell</div>
<div>Meta tags should not be used to refresh or redirect</div> <div> Code Smell</div>
<div>Links should not directly target images</div> <div> Code Smell</div>
<div>"" and "" tags should be used</div> <div> Bug</div>
<div>"" and "<dt>" item tags should be in "", "" or "<dl>" container tags</div> <div> Bug</div>
<div>Server-side image maps ("ismap" attribute) should not be used</div> <div> Bug</div>
<div>"<frames>" should have a "title" attribute</div> <div> Bug</div>
<div>"<fieldset>" tags should contain a "<legend>"</div> <div> Bug</div>
<div>Flash animations should be embedded</div>